

**AMENDMENT AND RESPONSE TO OFFICE ACTION**

**REMARKS**

Applicants appreciate allowance of claims 43, 44, 54-57 and 61.

**Claim Objections**

Claim 62 was objected to for being a fragment. Claim 62 has been amended to define a cell population used for spinal cord repair. Support for this amendment can be found in the specification at least at page 17, lines 7-9.

**Rejection under 35 U.S.C §112-enablement**

Claims 58-60 and 62 were rejected under 35 U.S.C. §112, for not being enabled. Claim 58 has been amended to require that the cell population further comprise a hydrogel. Support for this claim is found, for example, at page 28, lines 1-19. Claim 59 has been amended to further comprise a support structure in addition to the hydrogel. Support for this amendment is found page 28, line 20 to page 33, line 16. This rejection is respectfully traversed if applied to the amended claims.

The specification at least at page 7, lines 16-17 discloses a hydrogel-cell composition, which is a suspension of a hydrogel containing desired cells. Suitable hydrogels and how to make them are disclosed in the specification from page 17, line 27 until page 24, line 2. Preparation of hydrogel-cell composition is disclosed in the specification at least from page 27, line 23 until page 28, line 18. Delivery of a hydrogel-cell composition onto a support structure is disclosed in the specification at least from page 28, line 20 until page 33, line 16. As acknowledged by the Examiner, the specification is enabled for an undifferentiated cell population in combination with a support material wherein the support material comprises a hydrogel (claim 58).

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Therefore, claims 58-60 and 62 as amended are enabled.

Allowance of claims 58-60 and 62 as amended is earnestly solicited.

Respectfully submitted,

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